

- (b) Name of manufacturer of the material.
- (c) Date of receipt of the material and dates of the test and measurements.
- (d) Trade name of the material.
- (e) Description of the material.
- (f) Density of the sample.
- (g) Percentage of moisture and volatile matter in the sample.
- (h) Description of the specimens tested if the specimens are prepared from composite material.
- (i) If the test was done on individual components of the sample, a description of the components.
- (j) Test results including the following:
 - (1) Complete time and temperature data for each thermocouple.
 - (2) Each observation of flame emission and the time and duration of each emission.

§ 164.009-23 Factory inspection.

The Coast Guard does not inspect noncombustible materials approved under this subpart on a regular schedule. However, the Commander of the Coast Guard District in which a factory is located may detail a marine inspector at any time to visit a factory where a noncombustible material is manufactured to conduct an inspection of the manufacturing and quality control procedures and to select representative samples of the material for examination or tests to verify that the material is as stated in the original application for approval. The manufacturer is advised in advance of the time of testing samples selected and may witness the tests upon request.

§ 164.009-25 Marking.

The manufacturer must mark each shipping container for an approved noncombustible material with the approval number and date of approval of the material.

Subpart 164.012—Interior Finishes for Merchant Vessels

§ 164.012-1 Applicable specifications.

- (a) The following specifications, of the issue in effect on the contract date for the particular installation on any vessel, form a part of this subpart:

- (1) American Society for Testing Materials' standard: E 84-98, Standard Test Method for Surface Burning Characteristics of Building Materials.

- (2) National Fire Protection Association's standard: NFPA No. 255—Method of Test of Surface Burning Characteristics of Building Materials.

- (3) Coast Guard specifications: 164.008—Bulkhead Panels for Merchant Vessels. 164.009—Incombustible Materials for Merchant Vessels.

- (b) A copy of this subpart, together with copies of the specifications referred to in this section, shall be kept on file by the manufacturer of any Interior Finish except those qualifying under § 164.012-5(c). It should be noted that the standards listed in paragraphs (a) (1) and (2) of this section are identical and, therefore, only one need to be kept on file. The Coast Guard specifications may be obtained upon request from the Coast Guard Headquarters. Contact Commandant (CG-ENG), Attn: Office of Design and Engineering Systems, U.S. Coast Guard Stop 7509, 2703 Martin Luther King Jr. Avenue SE., Washington, DC 20593-7509. ASTM International's standards may be purchased from that organization at 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959. The National Fire Protection Association Standard may be purchased from that association at 1 Batterymarch Park, Quincy, MA 02269.

[CGFR 61-15, 26 FR 9303, Sept. 30, 1961, as amended by CGFR 65-16, 30 FR 10903, Aug. 21, 1965; CGD 88-070, 53 FR 34537, Sept. 7, 1988; CGD 95-072, 60 FR 50467, Sept. 29, 1995; CGD 96-041, 61 FR 50734, Sept. 27, 1996; USCG-1999-5151, 64 FR 67185, Dec. 1, 1999; USCG-2009-0702, 74 FR 49238, Sept. 25, 2009; USCG-2013-0671, 78 FR 60162, Sept. 30, 2013]

§ 164.012-5 Scope.

- (a) The purpose of this specification is to set forth the fire protection standards for "Interior Finishes" applied to "Bulkhead Panels" or "Incombustible Materials" approved under subpart 164.008 or 164.009 of this subchapter. The term "Interior Finish" means any coating, overlay, or veneer except standard paint which is applied for decorative or other purpose. It includes not only the visible finish, but all material used in its composition and in its

application to the approved “Bulkhead Panel” or “Incombustible Material.” When finishes are applied to both sides of a panel, each must comply with this specification.

(b) “Interior Finishes” of not more than 0.075” thickness qualifying under §164.012-10 and those materials which are described in paragraph (c) of this section, may be used without restriction on all merchant vessels, including those locations where combustible veneers, trim, moldings, and decorations are specifically prohibited by subpart 72.05 of subchapter H (Rules and Regulations for Passenger Vessels) of this chapter.

(c) With the exception of nitrocellulose or other highly inflammable or noxious fume-producing paints or lacquers (which are prohibited), a limited number of coats of any standard paint, or any “Incombustible Material” approved under subpart 164.009 of this subchapter in any thickness, or a combination thereof, are considered as automatically satisfying the intent of this specification and no test or proof of compliance will be required. Paint may be applied to one or both sides of “Bulkhead Panels” or “Incombustible Materials,” but it shall never be applied as an internal layer in sandwich or laminar construction.

[CGFR 61-15, 26 FR 9303, Sept. 30, 1961]

§ 164.012-10 Requirements.

(a) For an “Interior Finish” to qualify under this specification it shall not be more than 0.075 inch thick (including adhesive and any underlayment) and shall be subjected to the test described in either standard listed in §164.012-1(a) (1) or (2). The “Interior Finish” shall be applied to a ¼-inch asbestos cement board, “Bulkhead Panel” or “Incombustible Material” approved under subparts 164.008 and 164.009, in the same manner as will be employed for the shipboard installation. The classification ratings determined by this test shall not exceed the following values:

Flame spread classification	20
Smoke classification	10

(b) [Reserved]

[CGFR 70-143, 35 FR 19967, Dec. 30, 1970]

§ 164.012-11 Marking.

In addition to that information required by the recognized laboratory, the following information and special markings shall be included:

Complies with USCG subpart 164.012. Approval No. 164.012/—.

[CGFR 70-143, 35 FR 19967, Dec. 30, 1970]

§ 164.012-12 Recognized laboratory.

A recognized laboratory is one which is operated as a nonprofit public service and is regularly engaged in the examination, testing, and evaluation as to the safety of insulation and surfacing materials; which has an established factory inspection, listing, and labeling program; and which has standards for evaluating listing and labeling which are acceptable to the Commandant. The following laboratories are recognized:

Underwriters’ Laboratories, Inc.
333 Pfingston Road
Northbrook, IL 60062-2096

[CGFR 70-143, 35 FR 19967, Dec. 30, 1970, as amended by USCG-1998-4442, 63 FR 52192, Sept. 30, 1998]

§ 164.012-13 Examinations, tests, and inspections.

(a) *Manufacturer’s inspection and tests.* Manufacturers of listed and labeled Interior Finishes shall maintain quality control of the materials used, manufacturing methods and the finished product so as to meet the applicable requirements, and shall make sufficient inspections and tests of representative samples and components produced to maintain the quality of the finished product. Records of tests conducted by the manufacturer and records of materials, including affidavits by suppliers that applicable requirements are met, entering into manufacture shall be made available to the recognized laboratory inspector or the Coast Guard marine inspector, or both, for review upon request.

(b) *Laboratory inspection and tests.* Such examinations, inspections and tests as are required by the recognized laboratory for listed and labeled material produced will be conducted by the laboratory inspector at the place of manufacture or other location at the option of the laboratory.